

Attachment E

```
#include "dmcsr.h"
#include "dmexec.h"
/* #include "dmfileio.h" */
#include <stdio.h>
#include <malloc.h>
#include <string.h>

#define MAXLENGTH = 80 /* maximum length of a line of input */
/* defines for component return codes */

#define IS_OK APP_TAG + 1
#define IS_CANCEL APP_TAG + 2
#define IS_FIX APP_TAG + 3
#define IS_QUERY APP_TAG + 6
#define IS_ANSWERBOX APP_TAG + 11
#define IS_DONE APP_TAG + 30

char ABTitle[13] = "Your Answers"; /* answer box title */
char Answer[80]; /* Answer buffer */

char *AnswerList[40]; /* list of all answers */

/* Button Labels */

char PBQuit[5] = "Quit";
char PBOK[3] = "OK";
char PBDone[5] = "Done";
char PBFix[13] = "CHANGE ENTRY";

char *QuestionPtrs[10]; /* pointers to questions */

char DisplayQ[3281]; /* the buffer displayed */
char CurrentQ[3281]; /* buffer of questions and answers (not padded) */
char DisplayRecc[3281]; /* buffer for reccomendations */

int TotalAnswers = 0; /* current number of answer given */

LISTBOX AnswerBox =
  (CMP_LISTBOX, /* cmp type */
  ENABLED, /* display */
  23 * CHAR_XEXT, /* xorg */
  18 * CHAR_YEXT, /* yorg */
  LB_BASE_XEXT
  + 20 * CHAR_XEXT, /* window length */
  LB_BASE_YEXT +
  3 * CHAR_YEXT, /* window height */
  0, /* accelerator */
  IS_ANSWERBOX, /* return code */

  ENABLED, /* title select */
  LB_VERT_SCROLL, /* scroll direction */
  DISABLED, /* alphabetize flag */
  DISABLED, /* single item select */
  FLAT_BOX, /* border */
  COLOR7, /* background color */
  COLOR9, /* foreground color */
  1, /* top string */
  1, /* item for cursor */
  ABTitle, /* box title */
  0, /* number of items */
  0, /* item select flags */
  &AnswerList[0]); /* pointers to items */

EDITFIELD ReccDisplay =
  (CMP_EDIT, /* cmp type */
  ENABLED, /* display */
  /* ... */
```

```
> ****
/*****
PadMessage(Buffer)
char Buffer[3821];
{
int Pad;
int i;

if (strlen(Buffer) <= 60)
    Pad = 60 - strlen(Buffer);
else
    Pad = 60 - (strlen(Buffer) % 60);

for (i = 1; i <=Pad; ++i)
    strcat(Buffer, " ");
}
```